Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) [[A]] An isolated DNA according to any one of the following (a) to ~~(d)~~ (c):

(a) a DNA encoding a protein comprising the amino acid sequence of SEQ ID NO:2 ~~or 4~~,

(b) a DNA comprising the coding region of the nucleotide sequence of SEQ ID NO:1 ~~or 3~~,

(c) a DNA encoding a protein comprising an amino acid sequence in which ~~one or more~~ up to 30 amino acids in the amino acid sequence of SEQ ID NO:2 ~~or 4~~ have been replaced, deleted, inserted, and/or added~~,~~

~~(d) a DNA capable of hybridizing with a DNA comprising the nucleotide sequence of SEQ ID NO:1 or 3 under stringent conditions~~.

2. (Currently amended) The DNA of claim 1 encoding a protein capable of binding to a protein selected from the group consisting of SHP-1 protein, SHP-2 protein, and SHIP protein~~,~~ ~~DAP10 protein, DAP12 protein, and FcRγ protein~~.

3. (Withdrawn) A protein encoded by the DNA of claim 1.

4. (Original) A vector into which the DNA of claim 1 has been inserted.

5. (Previously presented) A host cell carrying the DNA of claim 1 or a vector into which the DNA of claim 1 has been inserted.

6. (Previously presented) A method for producing a protein which comprises the steps of culturing the host cell of claim 5, and recovering the expressed protein from said host cell or the culture supernatant thereof.

7. (Withdrawn) An antibody that binds to the protein of claim 3.

8. (Currently amended) [[A]] An isolated polynucleotide comprising a segment of SEQ ID NO:1 or the complementary strand thereof, the segment being at least 15 nucleotides in length. ~~that is complementary to a DNA comprising the nucleotide sequence of SEQ ID NO:1 or 3, or the complementary strand thereof.~~

9. (Withdrawn) A method of screening for a compound that binds to the protein of claim 3, which comprises the following steps of:

(a) contacting said protein with a test sample,

(b) detecting the binding activity between said protein and said test sample, and

(c) selecting a compound capable of binding to said protein.

10. (Withdrawn) A method of screening for a compound capable of inhibiting the binding between the protein of claim 3 and a protein selected from the group consisting of SHP-1 protein, SHP-2 protein, SHIP protein, DAP10 protein, DAP12 protein, and FcRγ protein, which comprises the following steps of:

(a) contacting the protein of claim 3 with a protein selected from said group in the presence of a test sample,

(b) detecting the binding activity between said proteins, and

(c) selecting a compound capable of reducing the binding activity between said proteins compared to that detected in the absence of said test sample.

11. (Withdrawn) A method for producing an anti-allergy drug, which comprises the step of mixing the antibody of claim 7 with a pharmacologically acceptable carrier or vehicle.

12. (Withdrawn) A method for producing an anti-allergy drug, which comprises the step of mixing a compound obtained using the method of claim 9 with a pharmacologically acceptable carrier or vehicle.

13. (Withdrawn) A method for producing an anti-allergy drug, which comprises the step of mixing a compound obtained using the method of claim 10 with a pharmacologically acceptable carrier or vehicle.

14. (New) The DNA of claim 1, wherein the DNA encodes a protein comprising an amino acid sequence in which up to ten amino acids in the amino acid sequence of SEQ ID NO:2 have been replaced, deleted, inserted, and/or added.

15. (New) The DNA of claim 1, wherein the DNA encodes a protein comprising an amino acid sequence in which up to five amino acids in the amino acid sequence of SEQ ID NO:2 have been replaced, deleted, inserted, and/or added.

16. (New) An isolated DNA that specifically hybridizes with the entirety of a probe consisting of the complement of SEQ ID NO:1 under highly stringent conditions.

17. (New) The DNA of claim 16, wherein said highly stringent conditions include a post-hybridization wash in 5x SSC, 0.1% SDS at 65 °C.

18. (New) An isolated DNA that encodes a protein that is 85% or more identical to SEQ ID NO:2.

19. (New) The DNA of claim 18, wherein the DNA encodes a protein that is 95% or more identical to SEQ ID NO:2.

20. (New) The DNA of claim 18, wherein the DNA encodes a protein that is 96% or more identical to SEQ ID NO:2.

21. (New) The DNA of claim 18, wherein the DNA encodes a protein that is 97% or more identical to SEQ ID NO:2.

22. (New) The DNA of claim 18, wherein the DNA encodes a protein that is 98% or more identical to SEQ ID NO:2.

23. (New) The DNA of claim 18, wherein the DNA encodes a protein that is 99% or more identical to SEQ ID NO:2.

24. (New) The DNA of claim 1, wherein the DNA encodes a protein comprising the amino acid sequence of SEQ ID NO:2.

25. (New) The DNA of claim 1, wherein the DNA comprises the coding region of the nucleotide sequence of SEQ ID NO:1.

26. (New) The DNA of claim 1, wherein the DNA encodes a protein consisting of the amino acid sequence of SEQ ID NO:2.

27. (New) The DNA of claim 1, wherein the DNA consists of the coding region of the nucleotide sequence of SEQ ID NO:1.

28. (New) The DNA of claim 14, wherein the protein binds to a protein selected from the group consisting of SHP-1 protein, SHP-2 protein, and SHIP protein.

29. (New) The DNA of claim 18, wherein the protein binds to a protein selected from the group consisting of SHP-1 protein, SHP-2 protein, and SHIP protein.